



PTO/SB/08a/b (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

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Complete If Known

				Application Number	10/069,176
				Filing Date	June 13, 2002
				First Named Inventor	Tomoyuki Asano
				Art Unit	2132
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	SONYAK 3.3-180

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (# known)			
Y.C.J.	AA	US-4,771,459	09-13-1988	Jansen	
Y.C.J.	AB	US-5,150,409	09-22-1992	Elsner	
Y.C.J.	AC	US-6,222,923-B1	04-24-2001	Schwenk	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
Y.C.J.	BA	DE-196 49 292-A1	06-04-1998	Deutsche Telekom AG		1A
Y.C.J.	BB	DE-195 11 298-A1	10-02-1996	Deutsche Telekom AG		**

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Y.C.J.	CA	LEIN HARN et al., "A Cryptographic Key Generation Scheme for Multilevel Data Security", Computers & Security, Vol. 9, No. 6, Elsevier Science Publishers Ltd, Oxford, Great Britain, October 1, 1990, pages 539-546.	✓

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1A U.S. Patent No. 6,222,923 is an English counterpart.

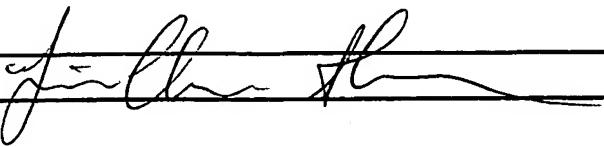
** with English abstract only.

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Examiner Signature		Date Considered	03/01/2006'
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First Named Inventor	Tomoyuki Asano				
Art Unit	2132				
Examiner Name	Not Yet Assigned				
Sheet	1	of	1	Attorney Docket Number	SONYAK 3.3-180

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
w. c. f.	AA	6,049,878	4-11-2000	Sun Microsystems, Inc.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
					T ⁶

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¹Applicant's unique citation designation number (optional). ²See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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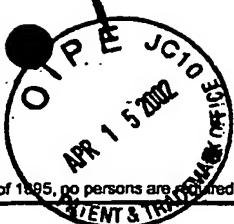
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PTO/SB/08A (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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ENT & TRADEMARKS

APR 15 2002

Complete If Known

Application Number	10/069,176
Filing Date	February 20, 2002
First Named Inventor	Tomoyuki Asano
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	SONYAK 3.3-180

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J.C.A	A	JP-11-224461	08/17/99	Sony Corp		**

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
J.C.A	A	JP-11-224461	08/17/99	Sony Corp		**

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Examiner Signature		Date Considered	03/01/2006 ⁷
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⁷ with English Translation of Abstract Only.

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10/069176
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PTO/SB/08A (10-01)

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				Filing Date	
				First Named Inventor	Tomoyuki Asano
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	SONYJP-180

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		
<i>T.C.F.</i>	A	EP-969667-A2	01-05-2000	Matsushita Electric Industrial Co., Inc.	✓
<i>T.C.F.</i>	B	JP-9-115241-A1	05-02-1997	Sony Corporation	**
<i>T.C.F.</i>	C	JP-11-328850-A1	11-30-1999	Sony Corporation	**
<i>T.C.F.</i>	D	JP-11-187013-A1	07-09-1999	IBM Japan, Ltd.	**

¹Applicant's unique citation designation number (optional). ²See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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<i>T.C.F.</i>	E	WALDVOGEL, M. et al., "The VersaKey Framework: Versatile Group Key Management", IEEE Journal on Selected Areas in Communications, September, 1999, Vol. 17, No. 9, pages 1614 to 1631.			✓
<i>T.C.F.</i>	F	supervised by Shin ICHIMATSU, "Data Hogo to Angou-ka no Kenkyu; Computer Network no Anzensei", Nippon Keizai Shinbunsha, 29 July, 1983 (29.07.83), pages 201 to 206.			
<i>T.C.F.</i>	G	WONG, C. K. et al., "Secure Group Communications Using Key Graphs", In: Proceedings of ACM SIGCOMM'98, (1998), pages 68 to 79.			✓
<i>T.C.F.</i>	H	Makoto TATEBAYASHI et al., "Kiroku Media no Contents Hogo System", 2000 nen Denshi Joho Tsuushin Gakkai Kiso Kyousai Kouen Ronbunshuu, 07 September, 2000 (07.09.00), pages 367 to 368			

Examiner Signature	<i>[Signature]</i>	Date Considered	03/01/2006 ¹
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